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(54) Title: NOVEL ANTIBACTERIAL AGENTS AND METHODS OF IDENTIFYING AND UTILIZING SAME

(57) Abstract: A method of identifying a molecule capable of inducing death of a bacterial cell which includes exposing toxin and antitoxin polypeptides of a toxin-antitoxin pair produced by the bacterial cell to a plurality of molecules, and identifying a molecule of the plurality of molecules capable of preventing or disrupting binding between the antitoxin and said toxin polypeptides, thereby identifying the molecule capable of inducing death of the bacterial cell.



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